

#### **DEPARTMENT OF DEFENSE**

# **Procurement Coding Manual**

# COMMODITIES AND SERVICES REPORTED ON DD FORM 350

**OCTOBER 1996** 

ALL FORMER EDITIONS OF THIS MANUAL ARE OBSOLETE



DIRECTORATE FOR INFORMATION OPERATIONS AND REPORTS (DIOR)

## **Department of Defense**

## **Procurement Coding Manual**

**Commodities and Services Reported on DD Form 350** 

October 1996

Department of Defense
Washington Headquarters Services
Directorate for Information
Operations and Reports

#### **FOREWORD**

This manual has been developed for use by Army, Navy, Air Force, Defense Logistics Agency, and other Department of Defense (DoD) personnel who are responsible for preparing, coding, editing, or machine processing the Individual Contracting Action Report, DD Form 350, as prescribed by Section 253.204-70 of the DoD Federal Acquisition Regulation Supplement.

All suggestions and inquiries concerning this manual should be referred to DoD, Washington Headquarters Services, Directorate for Information Operations and Reports, through one of the following offices, as appropriate:

Army:

**HQDA (SFRD-KS)** 

Suite 916

5109 Leesburg Pike

Falls Church, VA 22041-3201

Navy:

Fleet & Industrial Supply Center, Norfolk Virginia<sup>1</sup>

Detachment Washington Washington Navy Yard Building 200, 4th floor Washington, DC 20374-2004

Air Force:

SAF/AQCI<sup>2</sup>

RM 4C251

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Washington, DC 20330-1000

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**Suite 3122** 

Fort Belvoir, VA 22060-6221

INTERNET AVAILABILITY: The Procurement Coding Manual: Commodities and Services Reported on the DD Form 350 is available through DefenseLINK or directly through the DIOR World Wide Web site (http://web1.whs.osd.mil/peidhome/guide/mn02/mn02.htm).

Commanding Officer Publications and Forms Center 5801 Tabor Ave. Philadelphia, PA 19120-5099

<sup>&</sup>lt;sup>1</sup> Navy users requiring additional copies of this manual should send their requests to:

<sup>&</sup>lt;sup>2</sup>Air Force users requiring additional copies of this manual should send their requests to their local Publication Distribution Office (PDO).

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## SECTION I FEDERAL SUPPLY CLASS OR SERVICE CODES (Item B12A)

#### General

A four-digit code shall be entered in Item B12A for every procurement action reported on DD Form 350. Only one code number should be entered. If more than one code is applicable, enter the code which describes the predominant product or service procured (see DoD FAR Supplement 253.204-70).

This section is divided into three parts: Research, development, test, and evaluation (RDT&E) codes are contained in Part A, page 2; other services and construction codes are in Part B, page 7; and supply and equipment codes are in Part C, page 20.

#### RDT&E

If the action is for research, development, test, or evaluation, enter a code from Part A of this section. (RDT&E is defined in DFARS 235.001.) Do not assign an RDT&E code to housekeeping services or supplies purchased in support of "in-house" research or development work; such services are coded in accordance with Part B of Section I, and the supplies in accordance with Part C. Procurement personnel responsible for coding RDT&E actions should obtain sufficient information from requisitioning personnel to permit accurate classification in accordance with Part A.

#### Other Services and Construction

If the action is for other services and construction, enter a code from Part B of this section. This four-position code consists of a letter identifying one of 23 major categories and three numeric digits identifying a specific service within each category.

#### Supplies & Equipment

If the action is for supplies and equipment, enter a code from Part C of this section. The classifications used here are those contained in the H-2 series of cataloging handbooks, except for the items contained in Federal Supply Group (FSG) category 19, "Ships, Small Craft, Pontoons & Floating Docks."

#### PART A

#### RESEARCH, DEVELOPMENT, TEST, AND EVALUATION (RDT&E)

The RDT&E codes in Part A have been developed in accordance with guidelines established by DFARS 235.001. To ensure that the contract is for RDT&E, check the appropriation symbol. (Do not include housekeeping supplies or services in support of in-house RDT&E even though an RDT&E appropriation symbol is cited.)

#### Description and Use of Code

The RDT&E code is composed of two alphabetic and two numeric digits. The first position is always the letter "A" to identify RDT&E; the second position is a letter from "A" to "Z", used to identify the major category; the third digit is a number from "1" to "9", used to identify a subdivision of the major category. The fourth digit is a number from "1" to "7", used to identify the type of RDT&E. This fourth digit should correspond to the *Budget Activity Code*.

Research Category	Budget Activity	DFARS 235,001	Fourth Digit of Item B12A
6.1	1	Basic Research	1
6.2	2	Exploratory Development	2
6.3A	3	Advanced Development	3
6.3B	4	Demonstration/Validation	4
6.4	5	Engineering and Manufacturing Development	5
6.5	6	Management Support	6
6.6	7	Operational System Development	7

When the program element number appears on the purchase document, the first two digits of this number determine the number to be used in the fourth position. Research Categories 6.3A and 6.3B are to be separately coded as "3" or "4" in the fourth position.

When completing this item, the precise service being purchased shall be coded. For example, a contract for research on air pollution for aircraft should be shown under category AH2\*, "ENVIRONMENTAL PROTECTION, Air Pollution;" not under category AC1\*, "DEFENSE SYSTEMS, Defense Aircraft."

#### Major Category Codes

Description	Category
Agriculture	AA
Community Services & Development	AB
Defense Systems	AC
Defense - Other	AD
Economic Growth & Productivity	AE
Education	AF
Energy	AG
Environmental Protection	AH
General Science & Technology	AJ
Housing	AK
Income Security	AL
International Affairs & Cooperation	AM
Medical	AN
Natural Resources	AP
Social Services	AQ
Space	AR
Transportation - Modal	AS
Transportation - General	AT
Mining Activities	AV
Other Research & Development	AZ
	DD FORM
PROGRAM	350 CODE
AGRICULTURE R&D (AA)	
Agriculture Insect & Disease Control	AA1*
Agriculture Marketing	AA2*
Agriculture Production	AA3*
Aquaculture & Hydroponics	AA4*
Other Agriculture	AA9*
COMMUNITY SERVICES AND DEVELOPMENT R&D (AB)	
Crime Prevention & Control	AB1*
Fire Prevention & Control	AB2*
Rural Community Services & Development	AB3*
Urban Community Services & Development	AB4*
Other Community Services & Development	AB9*
DEFENSE SYSTEMS R&D (AC)	
D. Compa. Birmus St	AC1*
Defense Aircraft	AC2*
Defense Missile & Space Systems	AC3*
Defense Ships	AC4*
Defense Tank - Automotive	AC5*
Weapons Defense Electronics & Communication Equipment	AC6*
Miscellaneous Defense Hard Goods	AC9*

<u>PROGRAM</u>	DD FORM 350 CODE
DEFENSE - OTHER R&D (AD)	
Ammunition	AD1*
Services	AD1*
Subsistence	AD3*
Textiles, Clothing & Equipage	AD4 *
Fuels & Lubricants	AD5*
Construction	AD6*
Other Defense	AD9*
ECONOMIC GROWTH AND PRODUCTIVITY R&D (AE)	
Employment Growth & Productivity	AE1*
Product or Service Improvement	AE2*
Manufacturing Technology	AE3*
Other Economic Growth & Productivity	AE9*
EDUCATION R&D (AF)	
Education	AF1*
ENERGY R&D (AG)	
Coal	AG1*
Gas	AG2*
Geothermal	AG3*
Wind Energy	AG4*
Nuclear	AG5*
Petroleum	AG6*
Solar/Photovoltaic	AG7*
Conservation of Energy	AG8*
Other Energy	AG9*
ENVIRONMENTAL PROTECTION R&D (AK)	
Pollution Control & Abatement	AH1*
Air Pollution	AH2*
Water Pollution	*EHA
Noise Pollution	AH4*
Other Environmental Protection	AH9*
GENERAL SCIENCE AND TECHNOLOGY R&D (AJ)	**
Physical Sciences	AJ1*
Mathematical & Computer Sciences	AJ2*
Environmental Sciences	AJ3*
Engineering	AJ4*
Life Sciences	AJ5*
Psychological Sciences	AJ6*
Social Sciences	AJ7*
Other Sciences Not Elsewhere Classified	АЈ9*

PROGRAM	DD FORM 350 CODE
HOUSING R&D (AK)	
Housing	AK1*
INCOME SECURITY R&D (AL)	
Employment	AL1*
Income Maintenance Other Income Security	AL2* AL9*
INTERNATIONAL AFFAIRS AND COOPERATION R&D (AM)	
International Affairs & Cooperation	AM1*
MEDICAL R&D (AN)	
Biomedical	AN1*
Drugs Dependency	AN2*
Alcohol Dependency	AN3*
Health Services	AN4 *
Mental Health	AN5*
Rehabilitative Engineering	AN6*
Specialized Services AIDS Research	AN7*
Other Medical	AN8* AN9*
NATURAL RESOURCES R&D (AP)	1213
MATORAL RESOURCES RED (MT)	
Land	AP2*
Mineral	AP3*
Recreation	AP4*
Marine & Oceanographic	AP5*
Marine Fisheries	AP6*
Atmospheric	AP7*
Other Natural Resources	AP9*
SOCIAL SERVICES R&D (AQ)	
Geriatric (Other than Medical)	AQ1*
Other Social Services	AQ9*
SPACE R&D (AR)	
Aeronautics & Space Technology	AR1*
Space Science & Applications	AR2*
Space Flight	AR3*
Space Operations (Tracking & Data Acquisition)	AR4*
Space Station	AR6*
Commercial Programs	AR7*
Other Space	AR9*

PROGRAM	350 CODE
TRANSPORTATION - MODAL R&D (AS)	
Air Transportation	AS1*
Surface Motor Vehicles	AS2*
Rail Transporation	AS3*
Marine Transporation	AS4*
Other Modal Transportation	AS9*
TRANSPORTATION - GENERAL R&D (AT)	
Highways, Roads, & Bridges	AT1*
Human Factors Concerning Transportation	AT2*
Navigation & Navigational Aids	AT3*
Passenger Safety & Security	AT4●
Pipeline Safety	AT5*
Traffic Management	AT6*
Tunnels & Other Subsurface Structures	AT7*
Transporting Hazardous Materials	*8TA
Other General Transportation	AT9*
MINING ACTIVITIES R&D (AV)	
Subsurface Mining Equipment	AV1*
Surface Mining Equipment	AV2*
Subsurface Mining Methods	AV3*
Surface Mining Methods	AV4*
Mining Reclamation Methods	AV5♠
Mining Safety	AV6*
Metallurgical	AV7*
Other Mining Activities	AV9*
OTHER RESEARCH AND DEVELOPMENT R&D (AZ)	
Other Research & Development	AZ1*

#### **PART B**

#### OTHER SERVICES AND CONSTRUCTION

All services and construction work, except RDT&E work, should be coded in accordance with the codes listed in Part B. Each category has been assigned a four-position code for a specific type of service or construction. The code consists of a letter identifying one of 23 major categories and three numeric digits identifying a specific service within each category.

#### The 23 major categories are:

- B. Special Studies & Analyses Not R&DC. Architect & Engineering Services
- D. Automatic Data Processing & Telecommunication Services
- E. Purchase of Structures & Facilities
- F. Natural Resources & Conservation Services
- G. Social Services
- H. Quality Control, Testing & Inspection Services
- J. Maintenance, Repair & Rebuilding of Equipment
- K. Modification of Equipment
- L. Technical Representative Services
- M. Operation of Government-Owned Facilities
- N. Installation of Equipment
- P. Salvage Services
- Q. Medical Services
- R. Professional, Administrative & Management Support Services
- S. Utilities & Housekeeping Services
- T. Photographic, Mapping, Printing & Publication Services
- U. Educational & Training Services
- V. Transportation, Travel, & Relocation Services
- W. Lease or Rental of Equipment
- X. Lease or Rental of Facilities
- Y. Construction of Structures & Facilities
- Z. Maintenance, Repair or Alteration of Real Property

Due to the diversified nature of the services being purchased by the Department of Defense, it is often difficult to identify the appropriate service or construction code that applies to a procurement action. If the appropriate code for Item B12A cannot be easily determined, the procuring activity should select a code that best fits the description of the service involved and submit a copy of the DD Form 350 in question (with an exact description of the type of service or construction being procured) to:

Washington Headquarters Services
Directorate for Information Operations and Reports
Attn: PEID
1215 Jefferson Davis Highway, Suite 1204
Arlington, VA 22202-4302

This will serve as a basis for determining the need for the assignment of new codes or the revision of existing codes.

TITLE	<u>CODE</u>
SPECIAL STUDIES & ANALYSES - NOT R&D (B)	
Air Quality Analyses	7500
Archeological/Paleontological Studies	B502
Chemical/Biological Studies & Analyses	B503 B504
Cost Benefit Analyses	B504 B505
Data Analyses (other than scientific)	B505
Economic Studies	B507
Endangered Species Studies - Plant & Animal	B509
Environmental Studies & Assessments	B510
Feasibility Studies (non-construction)	B513
Animal & Fisheries Studies	B516
Geological Studies	B517
Geophysical Studies	B518
Geotechnical Studies	B519
Grazing/Range Studies	B520
Historical Studies	B521
Legal Studies	B522
Mathematical/Statistical Analyses	B524
Natural Resource Studies	B525
Oceanological Studies	B526
Recreation Studies	B527
Regulatory Studies	B528
Scientific Data Studies	B529
Seismological Studies	B530
Soils Studies	B532
Water Quality Studies	B533
Wildlife Studies	B534
Medical & Health Studies	B537
Intelligence Studies	B538
Aeronautic/Space Studies	B539
Building Technology Studies	B540
Defense Studies	B541
Educational Studies & Analyses	B542
Energy Studies	B543
Technology Studies	B544
Housing & Community Development Studies	B545
Security Studies (Physical & Personal)	B546 B547
Accounting/Financial Management Studies	B547 B548
Trade Issue Studies	B549
Foreign Policy/National Security Policy Studies	B550
Organization/Administrative/Personnel Studies Mobilization/Preparedness Studies	B551
· · · · · · · · · · · · · · · · · · ·	B552
Manpower Studies	B553
Communications Studies Acquisition Policy/Procedures Studies	B554
Elderly/Handicapped Studies	B554 B555
Other Special Studies Analyses	B599

IIILE	CODE
ARCHITECT & ENGINEERING SERVICES (C)	
ARCHITECT & ENGINEERING SERVICES - CONSTRUCT (C1)	
BUILDING & FACILITY STRUCTURES (C11)	
Administrative & Service Buildings	C111
Airfield, Communication & Missile Facilities	C112
Educational Buildings	C113
Hospital Buildings	C114
Industrial Buildings Residential Buildings	C115
Warehouse Buildings	C116 C117
Research & Development Facilities	C117
Other Buildings	C119
	CIII
NON-BUILDING STRUCTURES (C12)	
Conservation & Development	C121
Highways, Roads, Streets, Bridges, and Railways	C122
Electric Power Generation (EPG)	C123
Utilities	C124
Other Non-Building Structures	C129
Restoration	C130
ARCHITECT & ENGINEERING SERVICES - GENERAL (C2)	
Architect-Engineering Services	C211 C212
Engineering Drafting Services	C212
A&E Inspection Services (Non-construction)  A&E Management Engineering Services	C213
A&E Production Engineering Services	C214
Marine Architect & Engineering Services	C216
Other Architect & Engineering Services	C219
AUTOMATIC DATA PROCESSING & TELECOMM SVCS (D3)	
AUTOMATIC DATA INCODDING & IDDBOOM. 5.05 (25)	
ADP Facility Operation & Maintenance Services	D301
ADP Systems Development Services	D302
ADP Data Entry Services	D303
ADP Telecommunications & Transmission Services	D304
ADP Teleprocessing & Timesharing Services	D305
ADP Systems Analysis Services	D306
Automated Info System Design & Integration Svcs	D307
Programming Services	D308
Info & Data Broadcasting or Data Distribution Svcs	D309 D310
ADP Backup & Security Services ADP Data Conversion Services	D310
ADP Data Conversion Services ADP Optical Scanning Services	D311
Computer Aided Design/Computer Aided Mfg Services	D313

TITLE	CODE
ADP System Acquisition Support Services	D314
Digitizing Services	D315
Telecommunication Network Management Services	D316
Automated News Svcs, Data Svcs, or Other Info Svcs	D317
Other ADP & Telecommunication Services	D399
other ADI a referentiality action betvices	DSJJ
PURCHASE OF STRUCTURES & FACILITIES (E)	
Purchase of Structures and Facilities	E***
NATURAL RESOURCES & CONSERVATION SERVICES (F)	
Aerial Fertilization/Spraying Services	F001
Aerial Seeding Services	F002
Forest/Range Fire Suppression/Presuppression Svcs	F003
Forest/Range Fire Rehabilitation Svcs (non-const)	F004
Forest Tree Planting	F005
Land Treatment Practices (plowing/clearing, etc.)	F006
Range Seeding Services (ground equipment)	F007
Recreation Site Maintenance Svcs (non-const)	F008
Seed Collection/Production Services	F009
Seedling Production/Transplanting Services	F010
Surface Mining Reclamation Services (non-const)	F011
Survey Line Clearing Services	F012
Tree Breeding Services	F013
Tree Thinning Services	F014
Well Drilling/Exploratory Services	F015
Wildhorse/Burro Control Services	F016
Other Range/Forest Improvements Svcs (non-const)	F018
Other Wildlife Management Services	F019
Fisheries Resources Management Services	F020
Site Preparation	F021
Fish Hatchery Services	F022
Other Natural Resources & Conservation Services	F099
ENVIRONMENTAL SYSTEMS PROTECTION (F1)	
Air Quality Support Services	F101
Surveys & Technical Support Rel to Air Pollution	F102
Water Quality Support Services	F103
Surveys & Technical Support Rel to Water Pollution	F104
Pesticides Support Services	F105
Toxic Substances Support Services	F106
Hazardous Substance Analysis	F107
Hazardous Substance Removal/Cleanup/Disposal Svcs	F108
Leaking Underground Storage Tank Support Services	F109
Dev of Environ Impact Statements & Assessments	F110
Surveys & Tech Support for Multiple Pollutants	F111
Oil Spill Cleanup, Removal, Disposal & Support	F112
Other Environ Svcs, Studies, & Analytical Support	F999
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<sup>\*\*\*</sup> Enter last three digits of "Y" Category Codes (pages 17 - 19).

TITLE	CODE
SOCIAL SERVICES (G)	
Care of Remains and/or Funeral Services Chaplain Services Recreational Services Social Rehabilitation Services Geriatrics Services Government Life Insurance Programs Government Health Insurance Programs Other Government Insurance Programs Non-Government Insurance Programs Direct Aid to Tribal Governments and Organizations Other Social Services	G001 G002 G003 G004 G005 G006 G007 G008 G009 G010 G099
QUALITY CONTROL, TESTING, & INSPECTION SVCS (H)	
Quality Control Services Equipment & Materials Testing Inspection Services Other Quality Control, Testing & Inspection Svcs	H1** H2** H3** H9**
MAINTENANCE, REPAIR, & REBUILDING OF EQUIPMENT (J)	
Maintenance, Repair, & Rebuilding Of Equipment Non-nuclear Ship Repair (East) Non-nuclear Ship Repair (West)	J0** J998 J999
MODIFICATION OF EQUIPMENT (K)	
Modification Of Equipment	K0**
TECHNICAL REPRESENTATIVE SERVICES (L)	
Technical Representative Services	L0**
OPERATION OF GOVERNMENT-OWNED FACILITIES (M)	
Operation of Government-Owned Facilities	M*** <sup>1</sup>
INSTALLATION OF EQUIPMENT (N)	
Installation of Equipment	N0**

<sup>&</sup>lt;sup>1</sup>M-Category Codes are for contracts specifying general operational responsibilities. Specific maintenance of real property should be coded in Z-Catgory Codes. ("MAINTENANCE, REPAIR, OR ALTERATION OF REAL PROPERTY.")

<sup>\*\*</sup>Enter two digits of Federal Supply Group Code (pages 20 - 22).

<sup>\*\*\*</sup>Enter last three digits of "Y" Category Codes (pages 17 - 19).

	TITLE	CODE
SAL	VAGE SERVICES (P)	
	Prep & Disposal of Excess & Surplus Property	P100
	Salvage of Aircraft	P200
	Salvage of Marine Vessels	P300
	Demolition of Buildings	P400
	Demolition of Structures or Fac (other than bldgs)	P500
	Other Salvage Services	P999
MED	CICAL SERVICES (Q)	
	Dependent Medicare Services	Q101
	General Health Care Services	Q201
	Laboratory Testing Services	Q301
	Nursing Services	Q401
	Nursing Home Care Contracts	Q402
	Evaluation & Screening	Q403
	Anesthesiology Services	Q501
	Cardio-Vascular Services	Q502 Q503
	Dentistry Services	Q503 Q504
	Dermatology Services Gastroenterology Services	Q505
	Geriatric Services	Q506
	Gynecology	Q507
	Hematology Services	Q508
	Internal Medicine Services	Q509
	Neurology Services	Q510
	Ophthalmology Services	Q511
	Optometry Services	Q512
	Orthopedic Services	Q513
	Otolaryngology Services	Q514
	Pathology Services	Q515
	Pediatric Services	Q516
	Pharmacology Services	Q517
	Physical Medicine & Rehabilitation Services	Q518 Q519
	Psychiatry Services	Q519 Q520
	Podiatry Services	Q521
	Pulmonary Services Radiology Services	Q521 Q522
	Surgery Services	Q523
	Thoracic Services	Q524
	Urology Services	Q525
	Medical/Psychiatric Consultation Services	Q526
	Nuclear Medicine	Q527
		0000

TITLE	CODE
PROFESSIONAL, ADMIN, & MGMT SUPPORT SVCS (R)	•
PROFESSIONAL SERVICES (R4)	
Personal Care Services	R401
Real Estate Brokerage Services	R402
Land Surveys, Cadastral Svcs (non-const)	R404
Operations Research and Quantitative Analysis Ser	R405
Policy Review/Development Services	R406
Program Evaluation Services	R407
Program Management/Support Services	R408
Program Review/Development Services	R409
Real Property Appraisal Services (SIC 6531)	R411
Simulation	R412
Specifications Development Services	R413
Systems Engineering Services	R414
Technology Sharing/Utilization Services	R415
Veterinary/Animal Care Services	R416
Legal Services	R418
Educational Services	R419
Cert & Accred for prods & servs other than educ	R420
Technical Assistance	R421
Market Research and Public Opinion Services	R422
Intelligence Services	R423
Expert Witness	R424
Engineering Technical Services	R425
Communications Services	R426 R427
Weather Reporting/Observation Services	R427 R428
Industrial Hygienics	R426 R497
Personal Services Contracts Patent and Trademark Services	R497 R498
	R499
Other Professional Services	R4JJ
ADMINISTRATIVE SUPPORT SERVICES (R6)	
Courier & Messenger Services	R602
Transcription Services	R603
Mailing & Distribution Services	R604
Library Services	R605
Court Reporting Services	R606
Word Processing/Typing Services	R607
Translation & Interpreting Services	R608
Stenographic Services	R609
Personal Property Management Services	R610
Credit Reporting Services	R611
Information Retrieval	R612
Post Office Services	R613
Paper Shredding Services	R614
Other Administrative Support Services	R699

TITLE	CODE
MANAGEMENT SUPPORT SERVICES (R7)	
Advertising Services	R701
Data Collection Services	R702
Accounting Services	R703
Auditing Services	R704
Debt Collection Services	R705
Logistics Support Services	R706
Contract, Procurement & Acquisition Support Svcs	R707
Public Relations Services	R708
Ongoing Audit Operations Support	R709
Financial Services	R710
Banking Services	R711
Coin Minting	R712
Banknote Printing	R713
Other Management Support Services	R799
UTILITIES & HOUSEKEEPING SERVICES (S)	
UTILITIES (S1)	
Gas Services	S111
Electric Services	S112
Telephone and/or Communications Services	S113
Water Services	S114
Other Utilities	S119
HOUSEKEEPING SERVICES (S2)	
Custodial - Janitorial Services	S201
Fire Protection Services	S202
Food Services	S203
Fueling & Other Petroleum Srvcs-Excluding Storage	S204
Trash/Garbage Collection Srvcs-Incl Port San Svcs	S205
Guard Services	S206
Insect & Rodent Control Services	S207
Landscaping/Groundskeeping Services	S208
Laundry & Dry Cleaning Services	S209
Surveillance Services	S211
Solid Fuel Handling Services	S212
Carpet Laying & Cleaning Services	S214
Warehousing & Storage Services	S215
Facilities Operations Support Services	S216
Interior Plantscaping	S217
Snow Removal/Salt Services	S218
Waste Treatment & Storage	S222
Other Housekeeping Services	S299

TITLE	CODE
PHOTOGRAPHIC, MAPPING, PRINTING & PUB SERVICES (T)	
Arts/Graphics Services	T001
Cartography Services	T002
Cataloging Services	T003
Charting Services	T004
Film Processing Services	T005
Film/Video Tape Production Services	T006
Microform Services	<b>T</b> 007
Photogrammetry Services	800T
Aerial Photographic Services	T009
General Photographic Services - Still	T010
Print/Binding Services	T011
Reproduction Services	T012
Technical Writing Services	T013
Topography Services	T014
General Photographic Services - Motion	T015
Audio/Visual Services	T016
Other Photographic Mapping, Printing, & Pub Svcs	T099
EDUCATION AND TRAINING SERVICES (U)	
Lectures for Training	U001
Personnel Testing	U002
Reserve Training (Military)	U003
Scientific & Management Education	U004
Tuition, Registration & Membership Fees	U005
Vocational/Technical	U006
Faculty Salaries for Dependent Schools	<b>U</b> 007
Training/Curriculum Development	800U
Education Services	U009
Cert & Accred for Educational Institutions	U010
AIDS Training	U011
ADP Software, Equipment, and Tele Training	U012
Other Education & Training Services	U099
TRANSPORTATION, TRAVEL AND RELOCATION SVCS (V)	
Motor Pool Operations	V002
Packing/Crating Services	V003
TRANSPORTATION OF THINGS (V1)	*
CARGO AND FREIGHT SERVICES (V11)	
Air Freight	V111
Motor Freight	V112
Rail Freight	V113
Stevedoring	V114
Vessel Freight	V115
Other Cargo & Freight Services	V119

TITLE	CODE
VEHICLE CHARTER FOR TRANSPORTATION OF THINGS (V12)	
Air Charter for Things	V121
Motor Charter for Things	V121 V122
Rail Charter for Things	V122 V123
Marine Charter For Things	V123
Vessel Towing Service	V125
Space Transportation and Launch Services	V125
Security Vehicle Services	V123
Other Vehicle Charter for Transportation of Things	V129
TRAVEL OF PERSONS (V2)	
PASSENGER SERVICES (V21)	
Air Passenger Service	V211
Motor Passenger Service	V212
Rail Passenger Service	V213
Marine Passenger Service	V214
VEHICLE CHARTER FOR PASSENGERS (WITH OPERATORS) (V22)	
Passenger Air Charter Service	V221
Passenger Motor Charter Service	V222
Passenger Rail Charter Service	V223
Passenger Marine Charter Service	V224
Ambulance Service	V225
Taxicab Services	V226
Navigational Aid and Pilotage Services	V227
LODGING - HOTEL/MOTEL (V23)	
Lodging - Hotel/Motel	V231
MIL PERSON RECRUITMENT (INCL SUB AND/OR LOD) (V24)	
Military Personnel Recruitment	V241
CIVILIAN PERSONNEL RECRUITMENT (V25)	
Civilian Personnel Recruitment	V251
OTHER TRANSPORTATION TRAVEL & RELOCATION SVCS (V3)	
Relocation Services	V301
Travel Agent Services	V302
Other Transportation Travel & Relocation Services	V999

TITLE	CODE
LEASE OR RENTAL OF EQUIPMENT (W)	
Lease or Rental of Equipment	W0**
LEASE OR RENTAL OF FACILITIES (X)	
Lease or Rental of Facilities	X***
CONSTRUCTION OF STRUCTURES & FACILITIES (Y1)	
ADMIN FACILITIES & SERVICE BUILDINGS (Y11)	
Office Buildings Conference Space & Facilities Other Administrative & Service Buildings	Y111 Y112 Y119
AIRFIELD, COMM, & MISSILE FACILITIES (Y12)	
Air Traffic Control Towers Air Traffic Control Training Facilities Radar & Navigational Facilities Airport Runways Airport Terminals Missile System Facilities Electronic & Communication Facilities Other Airfield Structures	Y121 Y122 Y123 Y124 Y125 Y126 Y127 Y129
EDUCATIONAL BUILDINGS (Y13)	•
Schools Other Educational Buildings	Y131 Y139
HOSPITAL BUILDINGS (Y14)	
Hospitals & Infirmaries Laboratories & Clinics Other Hospital Buildings	Y141 Y142 Y149
INDUSTRIAL BUILDINGS (Y15)	
Ammunition Facilities Maintenance Buildings Production Buildings Ship Construction & Repair Facilities Tank-Automotive Facilities	Y151 Y152 Y153 Y154 Y155
Other Industrial Buildings	Y159

<sup>\*\*</sup>Enter two digits of Federal Supply Group Code (pages 20 - 22)
\*\*\*Enter last three digits of "Y" Category Codes (pages 17 - 19)

TITLE	CODE
RESIDENTIAL BUILDINGS (Y16)	
Family Housing Facilities	Y161
Recreational Buildings	Y162
Troop Housing Facilities	Y163
Dining Facilities	Y164
Religious Facilities	Y165
Penal Facilities	Y166
Other Residential Buildings	Y169
WAREHOUSE BUILDINGS (Y17)	
Ammunition Storage Buildings	Y171
Food or Grain Storage Buildings	Y172
Fuel Storage Buildings	Y173
Open Storage Facilities	Y174
Other Warehouse Buildings	Y179
RESEARCH & DEVELOPMENT FACILITIES (Y18)	
Government-Owned Contractor-Operated R&D Fac	Y181
Government-Owned Government-Operated R&D Fac	Y182
GOCO Environmental Laboratories	Y183
GOGO Environmental Laboratories	Y184
OTHER BUILDINGS (Y19)	
Museums & Exhibition Buildings	Y191
Testing & Measurement Buildings	Y192
Other Miscellaneous Buildings	Y199
NON-BUILDING STRUCTURES (Y2)	
CONSERVATION & DEVELOPMENT FACILITIES (Y21)	
Dams	Y211
Canals	Y212
Mine Fire Control Facilities	Y213
Mine Subsidence Control Facilities	Y214
Surface Mine Reclamation Facilities	Y215
Dredging	Y216
Other Conservation & Development Facilities	Y219
HIGHWAYS, ROADS, STREETS, BRIDGES AND RAIL (Y22)	
Airport Service Roads	Y221
Highways, Roads, Streets, Bridges and Railways	Y222
Tunnels & Subsurface Structures	Y223
Parking Facilities Construction	Y224

TITLE	CODE
ELECTRIC POWER GENERATION (EPG) FACILITIES (Y23)	
EPG - Coal EPG - Gas EPG - Geothermal EPG - Hydro EPG - Nuclear	Y231 Y232 Y233 Y234 Y235
EPG - Petroleum  EPG - Solar  EPG - Other, Including Transmission	Y236 Y237 Y239
UTILITIES (Y24)	
Fuel Supply Facilities Heating & Cooling Plants Pollution Abatement & Control Facilities Sewage & Waste Facilities Water Supply Facilities Other Utilities  OTHER NON-BUILDING FACILITIES (Y29)  Recreation Facilities (non-building) Exhibit Design (non-building) Unimproved Real Property (land) Waste Treatment & Storage Facilities All Other Non-Building Facilities	Y241 Y242 Y243 Y244 Y245 Y249 Y291 Y292 Y293 Y294 Y299
RESTORATION ACTIVITIES (Y3)	1299
Restoration Activities  MAINT, REPAIR, OR ALTERATION OF REAL PROPERTY (Z)	Y300
Maint, Repair, or Alteration of Real Property	Z***

<sup>\*\*\*</sup>Uses last three digits of "Y" Category Codes (pages 17 - 19)

#### **PART C**

## SUPPLIES AND EQUIPMENT

All supply and equipment items must be coded in accordance with the codes listed in Part C. Except for the items in Federal Supply Group (FSG) category 19, "Ships, Small Craft, Pontoons & Floating Docks," the classifications used here are those contained in the H-2 series of cataloging handbooks covering the Federal Supply Classification system and personnel should refer to these handbooks for a more complete description of the codes. In the case of ships, a more detailed code is provided here than is shown in the H-2 handbooks.

#### The FSG codes are provided below:

	FEDERAL SUPPLY
TITLE	GROUP
Weapons	10
Nuclear Ordnance	11
Fire Control Equipment	12
Ammunition & Explosives	13
Guided Missiles	14
Aircraft & Airframe Structural Components	15
Aircraft Components & Accessories	16
Aircraft Launching, Landing & Ground Handling Equipment	. 17
Space Vehicles	18
Ships, Small Craft, Pontoons & Floating Docks	19
Ship & Marine Equipment	20
Railway Equipment	22
Ground Effect Vehicles, Motor Vehicles, Trailers & Cycles	23
Tractors	24
Vehicular Equipment Components	25
Tires & Tubes	26
Engines, Turbines & Components	28
Engine Accessories	29
Mechanical Power Transmission Equipment	30
Bearings	31
Woodworking Machinery & Equipment	32
Metalworking Machinery	34
Service & Trade Equipment	35
Special Industry Machinery	36
Agricultural Machinery & Equipment	37

TITLE	GROUP
Construction, Mining, Excavating & Highway Maintenance Equipment	38
Materials Handling Equipment	39
Rope, Cable, Chain & Fittings	40
Refrigeration, Air Conditioning & Air Circulating Equipment	41
Fire Fighting, Rescue & Safety Equipment; and Environment Protection Equipment & Materials	42
Pumps & Compressors	43
Furnace, Steam Plant & Drying Equipment; & Nuclear Reactors	44
Plumbing, Heating & Sanitation Equipment	45
Water Purification & Sewage Treatment Equipment	46
Pipe, Tubing, Hose & Fittings	47
Valves	48
Maintenance & Repair Shop Equipment	49
Hand Tools	51
Measuring Tools	52
Hardware & Abrasives	53
Prefabricated Structures & Scaffolding	54
Lumber, Millwork, Plywood & Veneer	55
Construction & Building Materials	56
Communication, Detection & Coherent Radiation Equipment	58
Electrical & Electronic Equipment Components	59
Fiber Optics Materials, Components, Assemblies & Accessories	60
Electric Wire & Power Distribution Equipment	61
Lighting Fixtures & Lamps	62
Alarm, Signal & Security Detection Systems	63
Medical, Dental & Veterinary Equipment & Supplies	65
Instruments & Laboratory Equipment	66
Photographic Equipment	67
Chemicals & Chemical Products	68
Training Aids & Devices	69
Automatic Data Processing Equipment (Including - Firmware), Software, Supplies & Support Equipment	70
	•
Furniture	71
Household & Commercial Furnishings & Appliances	72
Food Preparation & Serving Equipment	73
Office Machines, Text Processing Systems & Visible Record Equipment	74
Office Supplies & Devices	75
Books, Maps & Other Publications	76
Musical Instruments, Phonographs & Home-Type Radios	77
Recreational & Athletic Equipment	78
Cleaning Equipment & Supplies	79
Brushes, Paints, Sealers & Adhesives	80

TITLE	GROUP
Containers, Packaging & Packing Supplies	81
Textiles, Leather, Furs, Apparel & Shoe	83
Findings, Tents & Flags	
Clothing, Individual Equipment & Insignia	84
Toiletries	85
Agricultural Supplies	87
Live Animals	. 88
Subsistence	89
Fuels, Lubricants, Oils & Waxes	91
Nonmetallic Fabricated Materials	93
Nonmetallic Crude Materials	94
Metal Bars, Sheets & Shapes	95
Ores, Minerals & Their Primary Products	96
Missallaneous	99

TITLE	CODE
Weapons	(10)
Guns, through 30 mm	1005
Guns, over 30 mm up to 75 mm	1010
Guns, 75 mm through 125 mm	1015
Guns, over 125 mm through 150 mm	1020
Guns, over 150 mm through 200 mm	1025
Guns, over 200 mm through 300 mm	1030
Guns, over 300 mm	1035
Chemical Weapons and Equipment	1040
Launchers, Torpedo and Depth Charge	1045
Launchers, Rocket and Pyrotechnic	1055
Nets and Booms, Ordnance	1070
Degaussing and Mine Sweeping Equipment	1075
Camouflage and Deception Equipment	1080
Assy Introng Btwn Wpns In 2 or More Class	1090
Miscellaneous Weapons	1095
Nuclear Ordnance	(11)
Nuclear Bombs	1105
Nuclear Projectiles	1110
Nuclear Warheads and Warhead Sections	1115
Nuclear Depth Charges	1120
Nuclear Demolition Charges	1125
Nuclear Rockets	1127
Conversion Kits, Nuclear Ordnance	1130
Fusing and Firing Devices, Nucl Ordnance	1135
Nuclear Components	1140
Explosive and Pyrotechnic Comps, Nucl Ord	1145
Specilized Test and Handling Eq, Nucl Ord	1190
Miscellaneous Nuclear Ordnance	1195
Fire Control Equipment	(12)
Fire Control Directors	1210
Fire Control Computing Sights & Devices	1220
Fire Control Systems, Complete	1230
Optical Sighting and Ranging Equipment	1240
Fire Control Stabilizing Mechanisms	1250
Fire Cntl Designating & Indicating Equip	1260
Fire Control Transmitting & Receiving Eq	1265
Aircraft Gunnery Fire Control Components	1270
Aircraft Bombing Fire Control Components	1280
Fire Control Radar Equip, Except Airborne	1285
Fire Control Sonar Equipment	1287
Miscellaneous Fire Control Equipment	1290
Ammunition and Explosives	(13)
Ammunition, through 30 mm	1305
Ammunition, over 30 mm up to 75 mm	1310

TITLE	CODE
Ammunition, 75 mm through 125 mm	1315
Ammunition, over 125 mm	1320
Bombs	1325
Grenades	1330
Guided Msl Warheads and Explosive Comps	1336
Guide Msl & Space Veh Explo Un, Fuel, Comp	1337
Guide Msl and Sp Veh Inert Un, Fuel, Comp	1338
Rockets, Rocket Ammunition & Rocket Comps	1340
Land Mines	1345
Underwater Mine Inert Components	1350
Underwater Mine Explosive Components	1351
Torpedo Inert Components	1355
Torpedo Explosive Components	1356
Depth Charge Inert Components	1360
Depth Charge Explosive Components	1361
Military Chemical Agents	1365
Pyrotechnics	1370
Demolition Materials	1375
Bulk Explosives	1376
Cartridge & Propellant Actuated Dv & Comps	1377
Surface Use Explo Ord Disposal Tools & Eq Undwtr Use Explo Ord Disposal Tools & Eq	1385
Fuses and Primers	1386 1390
Miscellaneous Ammunition	1390
Specilized Ammo Handling and Svcing Equip	1398
specifized Anno Handring and svering Equip	1376
Guided Missiles	(14)
Guided Missiles	1410
Guided Missile Components	1420
Guided Missile Systems, Complete	1425
Guided Missile Subsystems	1427
Guided Missile Remote Control Systems	1430
Launchers, Guided Missile	1440
Guided Missile Handling & Servicing Equip	1450
Aircraft & Airframe Structural Components	(15)
Aircraft Fixed Wing	1510
Aircraft Rotary Wing	1520
Gliders	1540
Drones	1550
Airframe Structural Components	1560
Aircraft Components and Accessories	(16)
Aircraft Propellers and Components	1610
Helicopter Rotor Blades, Drive Mechanisms & Compon	1615
Aircraft Landing Gear Components	1620
Aircraft Wheel and Brake Systems	1630
Noft Undraulia Vacuum & Delicing Sys Comp	1650

TITLE	CODE
Aircraft AC, Heating, and Pressurizing Equipment	1660
Parachutes and Cargo Tie Down Equipment	1670
Msl Aircraft Accessories and Components	1680
Acft Launching, Ldg, & Gnd Handling Equip	(17)
Aircraft Landing Equipment	1710
Aircraft Launching Equipment	1720
Aircraft Ground Servicing Equipment	1730
Airfield Specialized Trucks and Trailers	1740
Space Vehicles	(18)
Space Vehicles	1810
Space Vehicle Components	1820
Space Vehicle Remote Control Systems	1830
Space Vehicle Launchers	1840
Space Vehicle Handling & Servicing Equip	1850
Space Survival Equipment	1860
Ships, Sml Cft, Pontoons & Floating Docks	(19)
Frigates and Corvettes	1900
Aircraft Carriers	1901
Cruisers	1902
Destroyers	1903
Submarines	1904
Combat Ships and Landing Vessels	1905
Minelayers and Minesweepers	1906
Landing Craft	1907
Torpedo Boats and Gun Boats	1908
Hydrofoils	1909
Transport Vessels, Passenger and Troop	1910
Amphibious Assault Ships	1911
Cargo and Tanker Vessels	1915
Fishing Vessels	1920
Tugs and Towboats	1921
Fire Boats	1922
Ice Breakers	1923
Repair Ships	1924
Special Service Vessels	1925
Lightships	1926
Cable Ships	1927
Salvage Vessels	1928
Rescue Vessels	1929
Barges and Lighters, Cargo	1930
Barges and Lighters, Special Purpose	1935
Small Craft	1940
Pontoons and Floating Docks	1945
Floating Drydocks	1950
Dredges	1955
Miscellaneous Vessels	1990

TITLE	CODE
Ship and Marine Equipment	(20)
Ship and Boat Propulsion Components	2010
Rigging and Rigging Gear	2020
Deck Machinery	2030
Marine Hardware and Hull Items	2040
Buoys	2050
Commercial Fishing Equipment	2060
Miscellaneous Ship and Marine Equipment	2090
Railway Equipment	(22)
Locomotives	2210
Rail Cars	2220
Right-of-way Const and Maint Eq, Railroad	2230
Locomotive & Rail Car Accessories & Comps	2240
Track Material, Railroad	2250
Gnd Effect Veh, Motor Veh, Trailers & Cycs	(23)
Ground Effect Vehicles	2305
Passenger Motor Vehicles	2310
Trucks and Truck Tractors, Wheeled	2320
Trailers	2330
Motorcycles, Motor Scooters and Bicycles	2340
Combat Assault & Tactical Veh, Tracked	2350
Tractors	(24)
Tractor, Full Tracked, Low Speed	2410
Tractors, Wheeled	2420
Tractors, Full Tracked, High Speed	2430
Vehicular Equipment Components	(25)
Vehicular Cab, Body, Frame Structural Comp	2510
Vehicular Power Transmission Components	2520
Vehicular Brake, Steering, Axle Wheel Comp	2530
Vehicular Furniture and Accessories	2540
Miscellaneous Vehicular Components	2590
Tires and Tubes	(26)
Tires & Tubes, Pneumatic, Except Aircraft	2610
Tires and Tubes, Pneumatic, Aircraft	2620
Tires, Solid and Cushion	2630
Tire Rebuilding & Tire & Tube Repair Mats	2640
Engines, Turbines, and Components	(28)
Gas Reciprocating Eng, Excl Acft, & Components	2805
Gas Reciprocating Eng. Aircraft & Prime Move:Comps	2810

TITLE	CODE
Diesel Engines and Components	2815
Steam Engines, Reciprocating & Components	2820
Steam Turbines and Components	2825
Water Turbines & Water Wheels & Comps	2830
Gas Turbines and Jet Eng, Non Acft; and Comps	2835
Gas Turbines and Jet Engines, Acft & Comps	2840
Rocket Engines and Components	2845
Gasoline Rotory Engines & Components	2850
Miscellaneous Engines and Components	2895
Engine Accessories	(29)
Engine Fuel Sys Components, Nonaircraft	2910
Engine Fuel System Components, Aircraft & Missile	2915
Engine Electrical Sys Comps, Nonaircraft	2920
Engine Electrical Sys Comps, Aircraft Prime Moving	2925
Engine Cooling Sys Comps, Nonaircraft	2930
Engine Sys Cooling Comps, Aircraft Prime Moving	2935
Eng Air & Oil Fil, Strainers, & Cleaners, Nonacft	2940
Eng Air & Oil Filters, Cleaners, Acft Prime Moving	2945
Turbosuperchargers and Components	2950
Misc Engine Accessories, Nonaircraft	2990
Miscellaneous Engine Accessories, Aircraft	2995
Mechanical Power Transmission Equipment	(30)
Torque Converters and Speed Changers	3010
Gears, Pulleys, Sprockets and Trans Chain	3020
Belting, Drive Belts, Fan Belts & Accys	3030
Miscellaneous Power Transmission Equip	3040
Bearings	(31)
Bearings, Antifriction, Unmounted	3110
Bearings, Plain, Unmounted	3120
Bearings, Mounted	3130
Woodworking Machinery and Equipment	(32)
Sawmill and Planing Mill Machinery	3210
Woodworking Machines	3220
Tools & Attachments for Woodworking Mach	3230
Metalworking Machinery	(34)
Saws and Filing Machines	3405
Machining Centers & Way-type Machines	3408
Electrical & Ultrasonic Erosion Machines	3410
Boring Machines	3411
Broaching Machines	3412
Drilling and Tapping Machines	3413
Gear Cutting and Finishing Machines	3414

TITLE	<u>CODE</u>
Grinding Machines	3415
Lathes	3416
Milling Machines	3417
Planers and Shapers	3418
Miscellaneous Machine Tools	3419
Rolling Mills and Drawing Machines	3422
Metal Heat Treating & Non-thermal Equip	3424
Metal Finishing Equipment	3426
Electric Arc Welding Equipment	3431
Electric Resistance Welding Equipment	3432
Gas Welding, Heat Cutting, & Metalizing Eq	3433
Welding Positioners and Manipulators	3436
Miscellaneous Welding Equipment	3438
Misc Welding, Soldering & Brazing Supply	3439
Bending and Forming Machines	3441
Hydraulic and Pneumatic Presses, Power Dr	3442
Mechanical Presses, Power Driven	3443
Manual Presses	3444
Punching and Shearing Machines	3445
Forging Machinery and Hammers	3446
Wire and Metal Ribbon Forming Machines	3447
Riveting Machines	3448
Msc Secondary Metal Forming & Cutting Mach	3449
Machine Tools, Portable	3450
Cutting Tools for Machine Tools	3455
Cutting Tools for Secondary Metal Mach	3456
Machine Tool Accessories	3460
Accessories for Secondary Metal Machinery	3461
Production Jigs, Fixtures and Templates	3465
Machine Shop Sets, Kits, and Outfits	3470
Service and Trade Equipment	(35)
Laundry and Dry Cleaning Equipment	3510
Shoe Repairing Equipment	3520
Indust Sewing Mach & Mobile Tex Repr Shops	3530
Wrapping and Packaging Machinery	3540
Vending and Coin Operated Machines	3550
Misc Service and Trade Equipment	3590
Special Industry Machinery	(36)
Total Durchasta Machinery and Equipment	3605
Food Products Machinery and Equipment Printing, Duplicating & Bookbinding Equip	3610
Industrial Marking Machines	3611
Pulp and Paper Industries Machinery	3615
Rubber & Plastic Working Machinery	3620
Textile Industries Machinery	3625
Clay & Concrete Products Industries Mach	3630
Crystal & Glass Industries Machinery	3635
Tobacco Manufacturing Machinery	3640
Leather Tanning and Working Machinery	3645

TITLE	CODE
Chemical and Pharmaceutical Machinery	3650
Gas Generating and Dispensing Systems	3655
Industrial Size Reduction Machinery	3660
Specilized Circuit Board Manufacturing Mach	3670
Foundry Machinery, Related Equip & Sup	3680
Specialized Metal Container Mfg Mach & Eq	3685
Specialized Ammunition and Ordnance Mach	3690
Industrial Assembly Machines	3693
Clean Work Stations, Controlled Environ Eq	3694
Miscellaneous Special Industry Machinery	3695
Agricultural Machinery and Equipment	(37)
Soil Preparation Equipment	3710
Harvesting Equipment	3720
Dairy, Poultry, and Livestock Equipment	3730
Pest, Disease, and Frost Control Equipment	3740
Gardening Implements and Tools	3750
Animal Drawn Vehicles and Farm Trailers	3760
Saddlery, Harness, Whips and Furnishings	3770
Const, Mining, Excavating & Hwy Maint Eq	(38)
Earth Moving and Excavating Equipment	3805
Cranes and Crane-shovels	3810
Crane and Crane-shovel Attachments	3815
Mining, Rock Drilling, Earth Boring Equip, Related	3820
Road Clearing, Cleaning, and Marking Equipment	3825
Truck and Tractor Attachments	3830
Petroleum Production & Distribution Equip	3835
Miscellaneous Construction Equipment	3895
Materials Handling Equipment	(39)
Conveyors	3910
Materials Feeders	3915
Mat Handling Equip, Nonself-propelled	3920
Warehouse Trks & Tractors, Self-propelled	3930
Blocks Tackle Rigging and Slings	3940
Winches, Hoists, Cranes, and Derricks	3950
Elevators & Escalators	3960
Miscellaneous Materials Handling Equip	3990
Rope, Cable, Chain, and Fittings	(40)
Chain and Wire Rope	4010
Fiber Rope, Cordage, and Twine	4020
Fittings for Bono Cable and Chain	4030

TITLE	CODE
Refrigeration, AC, & Air Circulating Equip	(41)
Refrigeration Equip	4110
Air Conditioning Equip	4120
Refrigeration and Air Conditioning Comps	4130
Fans, Air Circulators, & Blower Equip	4140
Vortex Tubes and other Related Cooling Tubes	4150
Fire Fght, Resc, & Safety Eq; & Env Prot Eq & Mat	(42)
Fire Fighting Equipment	4210
Marine Lifesaving and Diving Equipment	4220
Decontaminating and Impregnating Equip	4230
Hazardous Mat Spill Cont & Clean-up Eq & Mat	4235
Safety and Rescue Equipment	4240
Recycling and Reclamation Equipment	4250
Pumps and Compressors	(43)
Compressors and Vacuum Pumps	4310
Power and Hand Pumps	4320
Centrifugals, Separators, and Press and Vac Filt	4330
Furnace, Steam Plant, & Drying Equip; & Nucl	(44)
Industrial Boilers	4410
Heat Exchangers and Steam Condensers	4420
Industrial Furnaces, Kilns, Lehrs, & Ovens	4430
Driers, Dehydrators, and Anhydrators	4440
Air Purification Equipment	4460
Nuclear Reactors	4470
Plumbing, Heating, & Sanitation Equipment	(45)
Plumbing Fixtures and Accessories	4510
Space Heating Equipment & Domestic Water Heaters	4520
Fuel Burning Equipment Units	4530
Misc Plumbing, Heating, & Sanitation Equipment	4540
Water Purification & Sewage Treatment Eq	(46)
Water Purification Equipment	4610
Water Distillation Equip, Marine & Indust	4620
Sewage Treatment Equipment	4630
Pipe, Tubing, Hose, & Fittings	(47)
Dine and Muhe	4710
Pipe and Tube Hose and Tubing, Flexible	4720
Fittings and Specialties; Hose, Pipe, Tube	4730